



HEREFORDSHIRE COUNTY COUNCIL

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# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

OF THE

Administrative County of Hereford,

FOR THE YEAR 1927

BY

PETER LOWE, M.A. (Hons.), B.Sc., M.B., Ch.B., D.P.H.,

*County Medical Officer of Health.*

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HEREFORD:

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1928.

# COUNTY OF HEREFORD.

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## PUBLIC HEALTH AND HOUSING COMMITTEE OF THE COUNTY COUNCIL.

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The Vice-Chairman of C.C.	Mr. R. W. Hall.
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Mr. R. W. Hall.	Commander A. J. Windebank,
Mr. J. R. H. Harley.	R.N. (R.)

**To the Chairman and Members of the Public Health and Housing  
Committee of the Hereford County Council.**

**LADIES AND GENTLEMEN,**

I have the honour to submit to you the Annual Report on the Health and Sanitary Administration of the County for 1927.

The New Scheme for the co-ordination of the Public Health Services in Herefordshire came into operation towards the end of 1927. Lt.-Colonel Wanhill took charge of Weobley and Dore Rural Districts on 1st September, 1927, and Dr. Archibald Penman took charge of Bromyard Urban and Rural Districts, Ledbury Rural District, and Leominster Rural District, on 1st October, 1927. Both these officers devote approximately one-fourth of their time to District Council duties and three-fourths to County Council duties. As the work of the Dore and Weobley Districts does not occupy the full time of the Medical Officer there, the remainder of his time is devoted to County Council work in Hereford Rural and other Districts in connection with Schools and Tuberculosis visiting. It is confidently expected that the establishment of this Scheme will lead to less overlapping of Medical services, closer co-operation between District Councils and County Council, and more thorough and intense inquiry into all conditions and problems arising in the areas in connection with public health, and a more speedy interchange of useful and necessary information between the area officers and the County Medical Officer. This will lead to quicker treatment and possibly better results.

**Population of the County and General Statistics.**

The population of the County at mid-year 1927 is estimated by the Registrar-General to be 114,450, of whom 42,280 belong to the Urban Districts and 72,170 to the Rural Districts.

	1927.	1926.
Birth Rate ... ..	16.0	17.3
Death Rate ... ..	13.2	12.3
Infant Mortality Rate (per 1,000 Births) ...	54	61
Death Rate—Pulmonary Tuberculosis ...	0.77	0.72
Death Rate—All Forms of Tuberculosis ...	0.92	0.93
Death Rate from Cancer ... ..	1.30	1.63

**Birth Rate.**

The Birth Rate for 1927 is 16.0 per 1,000 of the population, and is 1.3 per 1,000 lower than in 1926. The figure for England and Wales is 16.7.

### Death Rate.

The Death Rate for the County is 13.2 per 1,000, which is 0.9 per 1,000 higher than the figure for 1926. The rate for England and Wales is 12.3 per 1,000.

DEATHS FROM—				1927.		1926.
Influenza	...	...	...	113	...	25
Bronchitis	...	...	...	75	...	69
Pneumonia	...	...	...	78	...	63
Whooping Cough	...	...	...	4	...	3
Measles	...	...	...	1	...	4

### Infantile Mortality.

The Infantile Mortality Rate for 1927 is 54 per 1,000 births, which is 7.0 per 1,000 lower than in 1926. For England and Wales the rate is 69 per 1,000. The rate for legitimate children in the County is 53.5 per 1,000 births and for illegitimate children 60 per 1,000 births.

### Tuberculosis.

The Death Rate from Pulmonary Tuberculosis is 0.77 per 1,000 of the population, which is 0.05 per 1,000 higher than in 1926. The Death Rate from other forms of Tuberculosis is 0.15 per 1,000 of the population, and is 0.06 per 1,000 lower than the figure for 1926. The total Tuberculosis Death Rate in 1927 is 0.92 per 1,000, compared with 0.93 in 1926. The increased incidence of Influenza, Pneumonia and Bronchitis for 1927 has not been favourable to a decrease in the Tuberculosis Death Rate.

### Zymotic Diseases.

The incidence of Infectious disease is greater than in 1926, the number of notifications in 1927 being 633, as against 554 in 1926. The Death Rates from Influenza, Pneumonia and Bronchitis are higher than in 1926. The Death Rate from Infantile Diarrhoea keeps low, and is 3.3 per 1,000 births for 1927, compared with 4.5 per 1,000 births in 1926. The figure for England and Wales in 1927 is 6.3 per 1,000 births.

### Venereal Diseases.

The work at the Venereal Clinic continues to show satisfactory progress. The out-patient attendances show an increase on last year's. Specimens of blood are sent to Birmingham University Laboratory for Wassermann Reaction and films for Gonococci are undertaken at the County Laboratory. The Clinic has been held at the Isolation block of the Hereford Union Workhouse since 31st March, 1924, and in-patient treatment is also provided for in the same Institution.

### County Laboratory.

1,939 Specimens, bacteriological and analytical, were examined during the year. The work carried out continues to afford great assistance in dealing with epidemics. Positive results of diphtheria swabs are transmitted to the doctors by telephone or wire. Copies of the results of all examinations made are sent to the District Medical Officers of Health for their information, and they are thus enabled to deal early and effectively with any outbreak.

### Housing.

There is nothing to record in regard to housing, except that all the houses provided for under the Housing Scheme have been completed.

### Mental Deficiency.

Cases of Mental Deficiency are brought to the notice of the Medical Adviser by various voluntary agencies. Provision for adult cases is made at the Ross Certified Institution. High grade cases are sent for training to various Institutions where training facilities are available, only those cases unsuitable for training being retained at Ross.

I have to thank the Members of the Public Health and other Committees for their co-operation and support. I also wish to express my appreciation of the help afforded by the District Medical Officers and my indebtedness to the Staff for their loyal assistance during the year.

I have the honour to be,

Your obedient servant,

PETER LOWE.

Public Health Department,  
132, St. Owen Street,  
Hereford.  
23rd May, 1928.

## COUNTY STAFF.

COUNTY MEDICAL OFFICER OF HEALTH, CHIEF S.M.O., Etc.  
PETER LOWE, M.A. (Hons.), B.Sc., M.B., Ch.B., D.P.H.

CLINICAL TUBERCULOSIS OFFICER and MEDICAL SUPERINTENDENT  
NIEUPORT SANATORIUM :

BASIL ADAMS, M.D., D.P.H.

ASSISTANT COUNTY MEDICAL OFFICERS OF HEALTH and  
ASSISTANT SCHOOL MEDICAL OFFICERS.

LIEUT.-COLONEL C. F. WANHILL, M.R.C.S., L.R.C.P., D.P.H.  
ARCHIBALD PENMAN, M.B., Ch.B., D.P.H.

INSPECTOR OF MIDWIVES AND SUPERINTENDENT OF NURSES :  
Miss G. A. PAYNE.

### HEALTH VISITORS :

Miss J. ANDREWS.	Miss C. E. NICHOLL.
Miss M. BURNS CRAIG.	Miss M. SARGENT.
Miss E. J. GLEADELL.	Mrs. C. E. TURNER.

CHIEF CLERK—L. A. NICHOLLS, C.R.San.I.  
(The above are all full-time officials.)

### DISTRICT MEDICAL OFFICERS OF HEALTH. URBAN.

<i>District.</i>	<i>Medical Officer of Health.</i>
Bromyard ... ..	DR. R. WOOD POWER ( <i>resigned</i> 30/9/27). DR. ARCHIBALD PENMAN ( <i>appntd.</i> 1/10/27).
Hereford City ... ..	DR. A. M. BROWN.
Kington ... ..	DR. RICHARD HARDING.
Ledbury ... ..	DR. J. MCKEAN HARRISON.
Leominster ... ..	DR. ROBERT WILLIAMS.
Ross ... ..	DR. A. J. CAMPBELL.

### RURAL.

Bredwardine ... ..	DR. T. HINCKS.
Hereford ... ..	DR. R. WOOD POWER.
Dore ... ..	} DR. R. WOOD POWER ( <i>resigned</i> 31/8/27). Lieut.-Col. C. F. WANHILL ( <i>appt.</i> 1/9/27).
Weobley ... ..	
Bromyard ... ..	} DR. R. WOOD POWER ( <i>resigned</i> 30/9/27). DR. ARCHIBALD PENMAN ( <i>appointed</i> 1/10/27).
Ledbury ... ..	
Leominster ... ..	
Kington ... ..	DR. RICHARD HARDING.
Ross ... ..	DR. A. J. CAMPBELL.
Whitchurch ... ..	DR. W. H. WILLIAMS.
Wigmore ... ..	DR. W. B. DARROLL.



## GENERAL STATISTICS.

Area	...	...	...	...	538,924 Acres.
Population—1926	...	...	...	...	114,990
„ 1927	...	...	...	...	114,450
Number of Structurally Separate Dwellings (1921)	...	...	...	...	27,590
Number of Families or Separate Occupiers (1921)	...	...	...	...	26,876
Rateable Value, £950,531 (City, £148,156 ; County, £802,375).					
Assessable Value, £735,439 (City, £144,026 ; County, £591,413).					
Sum represented by a penny rate—£3,064.					
				<i>Total.</i>	<i>M.</i>
Births—Legitimate	...	...	...	1718	867
„ Illegitimate	...	...	...	117	61
					<i>F.</i>
					851
					56
BIRTH RATE—16·0 PER 1,000.					
Deaths	...	...	...	1506	787
					719

## DEATH RATE—13·2 PER 1,000.

Number of Women dying in, or in consequence of, childbirth—					
From Sepsis	...	...	...	1	
From other Causes	...	...	...	4	
Deaths of Infants under 1 year of age per 1,000 births—					
Legitimate, 53·5 ; Illegitimate, 60. Total, 54·0.					
Deaths from Measles (all ages)	...	...	...	...	1
„ „ Whooping Cough (all ages)	...	...	...	...	4
„ „ Diarrhoea (under 2 years of age)	...	...	...	...	6

**POPULATION.**—The following table shows the population at the Census of 1921 and for mid-year 1927 :—

		1921.	1921.	1927.
		<i>Census.</i>	<i>Census.</i>	<i>Mid-year.</i>
			<i>Corrected.</i>	
ADMINISTRATIVE COUNTY	...	113,189	111,829	114,450
URBAN DISTRICTS	...	39,940	39,778	42,280
RURAL DISTRICTS	...	73,249	72,051	72,170

For the County, a single estimate of population is now adopted as applicable for both births and deaths.



## Urban Districts.

	<i>Population Census 1921.</i>	<i>Population Mid-year 1926.</i>	<i>Population Mid-year 1927</i>
Bromyard ... ..	1,573	1,554	1,542
Hereford City (M.B.) ... ..	23,322	25,020	24,980
Kington ... ..	1,688	1,739	1,759
Ledbury ... ..	3,154	3,311	3,274
Leominster (M.B.) ... ..	5,538	5,793	5,842
Ross ... ..	4,665	4,923	4,883
	39,940	42,340	42,280

## Rural Districts.

Bredwardine ... ..	1,969	2,036	2,030
Bromyard ... ..	7,697	7,807	7,761
Dore ... ..	6,254	6,203	6,180
Hereford ... ..	13,894	13,480	13,470
Kington ... ..	4,932	4,939	4,803
Ledbury ... ..	9,060	8,985	9,104
Leominster ... ..	7,599	7,451	7,305
Ross ... ..	10,215	9,916	9,786
Weobley ... ..	6,439	6,495	6,415
Whitchurch ... ..	1,680	1,790	1,838
Wigmore ... ..	3,510	3,548	3,478
	73,249	72,650	72,170

## Total Estimated Civil Population.

As given by Registrar-General.

	<i>Population Census 1921.</i>	<i>Population Mid-year 1926.</i>	<i>Population Mid-year 1927.</i>
Urban Districts ... ..	39,940	42,340	42,280
Rural Districts ... ..	73,249	72,650	72,170
Total Population Adminis- trative County ... ..	113,189	114,990	114,450

**BIRTH-RATE.**

The total number of births registered in the County during 1927, after due correction, was 1,835, against 1,984 in 1926. Of this number, 647 occurred in the Urban districts and 1,188 in the Rural Districts.

	<i>No. of Births 1927.</i>	<i>Birth-rate 1927.</i>	<i>Birth-rate 1926.</i>
<b>URBAN DISTRICTS.</b>			
Bromyard ... ..	22	14.3	15.4
Hereford City ... ..	372	14.9	16.9
Kington ... ..	18	10.2	16.7
Ledbury ... ..	65	19.9	16.9
Leominster ... ..	97	16.6	19.3
Ross ... ..	73	14.9	16.5
<b>RURAL DISTRICTS.</b>			
Bredwardine ... ..	40	19.7	16.7
Bromyard ... ..	115	14.8	17.0
Dore ... ..	139	22.5	20.1
Hereford ... ..	184	13.7	17.4
Kington ... ..	83	17.3	14.6
Ledbury ... ..	177	19.4	18.7
Leominster ... ..	108	14.8	15.8
Ross ... ..	152	15.5	15.4
Weobley ... ..	107	16.7	19.9
Whitchurch ... ..	25	13.6	12.8
Wigmore ... ..	58	16.7	18.3

**Birth-Rates of Urban and Rural Districts and  
Administrative County.**

(PER 1,000 PERSONS LIVING.)

	1927.	1926.
Urban Districts ... ..	15.3	17.1
Rural Districts ... ..	16.5	17.3
Administrative County ... ..	16.0	17.3
England and Wales ... ..	16.7	17.8

The birth-rate for the Administrative County is 1·8 per 1,000 lower than in 1926.

Of the Urban Districts, the highest rate occurred in Ledbury (19·9), and the lowest in Kington (10·2). Of the Rural Districts the highest rate occurred in Dore (22·5), and the lowest in Whitchurch (13·6).

### Illegitimate Births.

There were, during 1927, 117 (6·4%) illegitimate births in the County, compared with 134 in 1926 and 151 in 1925.

### DEATH-RATE.

The number of deaths which occurred in the County during 1927, after due correction for residents and non-residents, was 1,505. Of these, 564 occurred in the Urban Districts and 941 in the Rural Districts. The following table shows how these deaths are distributed and the rates per 1,000 persons living :—

	<i>No. of Deaths.</i> 1927	<i>Death Rate</i> 1927.	<i>Death Rate</i> 1926.
<b>URBAN DISTRICTS.</b>			
Bromyard ... ..	26	16·9	9·7
Hereford City ... ..	327	13·1	11·8
Kington ... ..	16	9·1	12·7
Ledbury ... ..	42	12·9	11·8
Leominster ... ..	90	15·4	11·4
Ross ... ..	63	12·9	14·2
<b>RURAL DISTRICTS.</b>			
Bredwardine ... ..	20	9·9	14·7
Bromyard ... ..	101	13·0	13·4
Dore ... ..	90	14·6	12·3
Hereford ... ..	196	14·5	11·3
Kington ... ..	65	13·5	13·0
Ledbury ... ..	119	13·1	12·2
Leominster ... ..	97	13·3	13·3
Ross ... ..	120	12·3	11·8
Weobley ... ..	76	11·8	12·9
Whitchurch ... ..	17	9·2	6·7
Wigmore ... ..	40	11·5	15·5

**Death-Rates of Urban and Rural Districts and  
Administrative County.**

(PER 1,000 PERSONS LIVING.)

	1927.	1926.
Urban Districts ... ..	13·3	12·0
Rural Districts ... ..	13·1	12·5
Administrative County ... ..	13·2	12·3
England and Wales ... ..	12·3	11·6

The death-rate of the County for 1927 is 0·9 per 1,000 higher than that for the year 1926, and is 0·9 per 1,000 higher than the death-rate for England and Wales.

Of the Urban Districts, the highest death-rate (16·9) occurred in Bromyard, and of the Rural Districts (14·6) in Dore.

The following Table gives the chief causes of death, with percentages for year 1927 :—

CAUSE OF DEATH.	No. of Deaths.	Percentage of Total Deaths.
1. Organic Heart Disease ... ..	280	18·6
2. Malignant Disease ... ..	149	9·9
3. Influenza... ..	113	7·5
4. Cerebral Hæmorrhage ... ..	105	7·0
5. Tuberculosis (including Phthisis, 83)... ..	105	7·0
6. Pneumonia ... ..	78	5·2
7. Bronchitis ... ..	75	5·0
8. Arterio-Sclerosis ... ..	71	4·7
9. Congenital Debility ... ..	57	3·8
10. Violence (other than Suicide) ... ..	43	2·8
11. Nephritis and Bright's Disease ... ..	35	2·3
12. Suicide ... ..	20	1·3
13. Diabetes ... ..	16	1·1
14. Ulcer of Stomach ... ..	14	0·9
15. Appendicitis ... ..	11	0·7

### INFANTILE MORTALITY.

The infant mortality rate refers to the number of children who die under the age of one year, per 1,000 births. During the year there were 41 deaths in the Urban and 58 deaths in the Rural Districts of children under one year—in all 99.

	<i>No. of Deaths, 1927.</i>	<i>Rate, 1927.</i>	<i>Rate, 1926.</i>
<b>URBAN.</b>			
Bromyard ... ..	2	91	0
Hereford City ... ..	23	62	64
Kington ... ..	1	56	34
Ledbury ... ..	2	31	18
Leominster ... ..	8	82	36
Ross ... ..	5	68	111
<b>RURAL.</b>			
Bredwardine ... ..	1	25	88
Bromyard ... ..	5	44	68
Dore ... ..	6	43	109
Hereford ... ..	10	54	55
Kington ... ..	2	24	56
Ledbury ... ..	11	62	42
Leominster ... ..	6	56	59
Ross ... ..	8	53	72
Weobley ... ..	4	37	62
Whitchurch... ..	1	40	0
Wigmore ... ..	4	69	46

**Infantile Mortality Rates for Urban and Rural  
Districts and Administrative County.  
(PER 1,000 BIRTHS.)**

	1927.	1926.
Urban Districts ... ..	63·0	58·0
Rural Districts ... ..	49·0	63·0
Administrative County ... ..	54·0	61·0
England and Wales ... ..	69·0	70·0

The rate for the County as a whole is lower by 7·0 per 1,000 births than that for 1926. The rate for the Urban Districts is 5·0 per 1,000 higher than in 1926, and that for the Rural Districts is 14·0 per 1,000 lower than in 1926.

In England and Wales as a whole the rate in 1927 was 69 per 1,000 births.

In the 107 great towns it was 71 per 1,000 births. In the 156 smaller towns it was 68 per 1,000 births.

There were 92 deaths among LEGITIMATE children under one year, out of 1,718 LEGITIMATE births—equal to a rate of 53·5 per 1,000.

There were 7 deaths among ILLEGITIMATE children under one year, out of 117 ILLEGITIMATE births—equal to a rate of 60 per 1,000.

### ZYMOTIC DEATH-RATE, Etc.

By the above term is meant the deaths from the Principal Infectious Diseases. There were 132 deaths, against 49 in 1926.

#### Number of Deaths from the Principal Zymotic Diseases in 1927.

	<i>Urban Districts.</i>	<i>Rural Districts.</i>	<i>Admin. County.</i>
Small Pox ... ..	0	0	0
Measles ... ..	0	1	1
Scarlet Fever ... ..	0	0	0
Whooping Cough ... ..	2	2	4
Diphtheria ... ..	2	4	6
Enteric Fever ... ..	0	1	1
Diarrhœa and Enteritis (under 2 years) ... ..	0	6	6
Influenza ... ..	49	64	113
Encephalitis Lethargica ...	1	0	1
TOTALS ...	54	78	132

### TUBERCULOSIS.

During the year 1927, 105 deaths were directly attributable to Tuberculosis. Of this number 88 of the deaths were caused by Pulmonary Tuberculosis (Phthisis), and 17 by other tubercular diseases.

Compared with 1926, therefore, there were 2 fewer deaths from all forms of Tuberculosis, 5 more from Tuberculosis of the Lungs (Phthisis), and 7 less from other forms of tubercular disease.



## Phthisis.

TUBERCULOSIS OF LUNGS (PHTHISIS).—The number of deaths from Phthisis in the Administrative County during 1927 was 88 (compared with 83 in 1926, of which 38 occurred in the Urban and 50 in the Rural Districts). The rates per 1,000 persons for the separate districts are :—

DISTRICT.	No. of Deaths, 1927.	Rate per 1,000, 1927.	Rate per 1,000, 1926.
URBAN DISTRICTS.			
Bromyard ... ..	0	0·00	0·64
Hereford City ... ..	30	1·20	0·96
Kington ... ..	1	0·57	0·00
Ledbury ... ..	4	1·22	0·00
Leominster ... ..	1	0·17	0·52
Ross ... ..	2	0·41	1·36
RURAL DISTRICTS.			
Bredwardine ... ..	1	0·49	0·49
Bromyard ... ..	4	0·52	1·15
Dore ... ..	5	0·81	0·64
Hereford ... ..	7	0·52	0·52
Kington ... ..	6	1·25	0·40
Ledbury ... ..	8	0·88	0·56
Leominster ... ..	3	0·41	0·40
Ross ... ..	6	0·61	0·71
Weobley ... ..	5	0·78	0·77
Whitchurch ... ..	1	0·54	0·00
Wigmore ... ..	4	1·15	1·13

The rates for Urban and Rural areas and Administrative County are :—

	No. of Deaths, 1927.	Rate per 1,000 persons, 1927.	Rate per 1,000 persons, 1926.
Urban Districts ...	38	0·90	0·85
Rural Districts ...	50	0·69	0·65
Administrative County...	88	0·77	0·72
England and Wales ...	31,066	0·797	0·771

The Phthisis death rate in the Administrative County is higher than in 1926 by .05 per 1,000 persons living.



### Other Forms of Tuberculosis.

During 1927 there were 17 deaths—7 in the Urban and 10 in the Rural Districts—from other forms of tuberculosis (compared with 24 in 1926) giving the following rates:—

DISTRICT.	Total Tuberculosis Rate per 1,000 (including Phthisis).		"Other Forms of Tuberculosis." Rate per 1,000 (excluding Phthisis)	
	1927.	1926.	1927.	1926.
URBAN.				
Bromyard ... ..	0·65	0·64	0·65	0·00
Hereford City ... ..	1·32	1·32	0·12	0·36
Kington ... ..	1·14	0·57	0·57	0·57
Ledbury ... ..	1·52	0·30	0·31	0·30
Leominster ... ..	0·34	0·86	0·17	0·35
Ross ... ..	0·41	1·63	0·00	0·00
RURAL.				
Bredwardine ... ..	0·49	0·49	0·00	0·00
Bromyard ... ..	0·77	1·15	0·26	0·00
Dore ... ..	0·81	1·29	0·00	0·64
Hereford ... ..	0·74	0·67	0·22	0·15
Kington ... ..	1·46	0·80	0·21	0·40
Ledbury ... ..	0·99	0·56	0·11	0·00
Leominster ... ..	0·55	0·54	0·14	0·13
Ross ... ..	0·82	0·71	0·20	0·00
Weobley ... ..	0·78	1·08	0·00	0·15
Whitchurch ... ..	0·54	0·00	0·00	0·00
Wigmore ... ..	1·15	1·41	0·00	0·28

### "Total Tuberculosis" and "Other Tubercular Diseases" Rates, Urban and Rural Districts and Administrative County.

	Total Tuberculosis Rate per 1,000 (including Phthisis).		"Other Forms of Tuberculosis" Rate per 1,000 (excluding Phthisis).	
	1927.	1926.	1927.	1926.
Urban Districts ... ..	1·06	1·16	0·16	0·31
Rural Districts ... ..	0·83	0·80	0·14	0·15
Administrative County ... ..	0·92	0·93	0·15	0·21
England and Wales ... ..	0·979	0·961	0·182	0·190

**Number of Cases of Tuberculosis Notified from  
2nd Jan., 1927, to 31st Dec., 1927.**

	Pulmonary Tuberculosis.		Other forms of Tuberculosis.	
	No. of Cases Notified.	Rate per 1,000 Population.	No. of Cases Notified.	Rate per 1,000 Population.
Administrative County ...	117	1.02	32	0.28

**ADMINISTRATIVE MEASURES AGAINST  
TUBERCULOSIS.**

**Notification, Etc.**

The number of Pulmonary Cases notified during 1927 was 1 more, and the number of non-Pulmonary Cases notified was 5 less, than in 1926.

The methods adopted for the prevention of Tuberculosis were fully set out in the Survey Report for 1925.

A considerable proportion of cases still consult their own doctors too late, and when notified are too advanced to be suitable for Sanatorium treatment.

Nieuport Sanatorium, Almeley, provided by the County Council, was ready for the reception of early cases of Tuberculosis at the end of January, 1923, and provision is made for the treatment of 34 adults and 28 children. The Children's Block is entirely separated from "Nieuport House," where the adults are accommodated. There are also Tuberculosis Dispensaries at Hereford, Bromyard, Kington, Leominster, Ross and Ledbury, full particulars being given as to situation and time of clinic on page 29 of this Report.

**Surgical Tuberculosis.**

Four beds at Shropshire Orthopædic Hospital are available for cases of Surgical Tuberculosis, and these are occupied almost continuously throughout the year, and at the present time seem to meet the requirements adequately.

## General.

During 1927, 88 deaths occurred from Pulmonary Tuberculosis—42 males and 46 females. Of these, 37 males and 40 females have been traced as being notified; 5 males and 6 females were not notified. Seventeen deaths occurred from non-Pulmonary Tuberculosis—8 males and 9 females, of whom 6 males and 6 females had been previously notified; 2 males and 3 females were not notified. The ratio of non-notified Tuberculosis deaths to total Tuberculosis deaths is therefore 16: 105 or 1: 6.6.

No action has been taken under the Public Health (Prevention of Tuberculosis) Regulations or under the Public Health Act, 1925, Section 62, during the year.

Very close co-operation has been maintained with the Sanitary Authorities, and copies of Laboratory Reports on analyses of Sputa, etc., are sent to Sanitary Authorities for their information, and those Authorities materially assist the Tuberculosis Officer by undertaking the disinfection of shelters.

No Dental treatment is provided by the Council.

Patients are visited regularly by the Health Visiting Staff on their discharge from Sanatorium, and the representative of the County Council in the district to which they are returning is notified and asked to take an interest in the case.

A large amount of work is done in regard to Non-Pulmonary cases by the local Orthopædic After-Care Committee—a voluntary organisation under the auspices of the British Red Cross Society—which is a most efficient body of workers. Clinics are held at Hereford, Leominster and Ledbury, under the supervision of a Surgeon from Shropshire Orthopædic Hospital.

## Tuberculosis.

AGE PERIODS.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1 ...	1	—	1	—	1	—	—	1
1—5 ...	—	—	1	2	—	—	2	2
5—10 ...	1	3	—	—	—	—	1	1
10—15 ...	—	3	2	6	—	—	—	—
15—20 ...	6	5	4	2	2	3	1	—
20—25 ...	5	11	2	1	5	9	2	—
25—35 ...	15	23	2	5	14	17	1	3
35—45 ...	7	13	1	2	7	3	1	—
45—55 ...	7	8	—	—	6	5	—	1
55—65 ...	3	2	1	—	4	4	—	1
65 and upwards ...	2	2	—	—	3	5	—	—
TOTALS ...	47	70	14	18	42	46	8	9

**Treatment.****(a) DISPENSARIES.**

During the year the Dispensaries dealt with 1,340 separate attendances of patients, involving 770 patients; 287 new cases came under review.

The function of the Dispensary is to decide what form of treatment is suitable for each case. Early cases only, if possible, should be sent to Sanatorium, while late cases are granted Domiciliary treatment and the use of a Shelter where possible.

**(b) INSTITUTIONAL.**

Five cases of Surgical Tuberculosis received treatment at the Shropshire Orthopaedic Hospital during the year—2 males and 3 females.

One case of Lupus was treated at London Hospital—a female—and is still under treatment.

**NIEUPORT SANATORIUM.**

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**SPECIAL REPORT.**

Since the last Report, a special effort has been made to find out the condition of all patients who have left the Sanatorium since its inception 5 years ago.

From January, 1923, when the Sanatorium was opened, until 31st December, 1927, 411 adult patients have been admitted. Of these, 171 were for observation, and have shown no definite signs of disease. Of the remaining 240 definite cases of Tuberculosis, 96 have died either at the Sanatorium or since discharge; 92 are well and for the most part working; 14 others are alive; 18 have moved out of the county; and 20 are still in the Sanatorium.

With regard to the children, 275 were admitted in the same period, and of these 249 were admitted for observation and were weakly and unhealthy when they arrived. They gained weight rapidly, and were discharged well and strong, showing no evidence of disease. Of the remaining 26 definite cases of Tuberculosis, 3 have died, 13 are well, 2 are still under home treatment, 3 have left the County, and 5 are still in the Sanatorium.

## ANNUAL REPORT FOR YEAR ENDED 31st DECEMBER, 1927.

During the year there have been more adult patients admitted than in the previous year, the increase being 12 men and 1 woman. The men's beds have been filled, but there has not been a great demand for beds for women. The children's beds have, as usual, been fully occupied.

There have been less cases admitted for observation, but more early and advanced cases, and less intermediate chronic patients: thus we are having more of the types recommended by the Ministry of Health.

One hundred and thirty-seven cases (88 adults and 49 children) were admitted during the year; they consisted of the following :—

### TABLE I.

The figures relating to admissions and discharges do not include 1 boy, 2 girls and 1 female adult, whose diagnosis on admission was "observation," and subsequently altered to definite Tuberculosis. One female, also not included, was transferred from a child's bed to an adult bed during the period of treatment.

#### NUMBER OF PATIENTS ADMITTED.

ADULTS.					
Males	...	...	...	...	45
Females	...	...	...	...	43
					88
CHILDREN.					
Boys	...	...	...	...	25
Girls	...	...	...	...	24
					49
Total					137

The ages of these patients are shown in the following Table :—

### TABLE II.

#### AGES OF PATIENTS ADMITTED.

ADULTS.							
Males.				Females.			
Under 20 years	...	7		Under 20 years	...	8	
" 30 "	...	12		" 30 "	...	21	
" 40 "	...	12		" 40 "	...	9	
" 50 "	...	8		" 50 "	...	2	
" 60 "	...	6		" 60 "	...	3	
Over 60 "	...	—		Over 60 "	...	—	
Total		45		Total		43	

## CHILDREN.

Boys.				Girls.			
Under	5 years	...	—	Under	5 years...	...	—
"	10 "	...	13	"	10 "	...	17
"	14 "	...	12	"	14 "	...	7
Over	14 "	...	—	Over	14 "	...	—
Total			25	Total			24

On 31st December, 1926, there were 48 patients remaining in the Sanatorium; 137 cases were admitted during the year 1927, making a total of 185 cases treated in the year. Of that number 134 have been discharged, leaving 51 patients in the Sanatorium on 31st December, 1927.

TABLE III.

PATIENTS DISCHARGED.

Adults	...	85	Children	...	49	Total	...	134
--------	-----	----	----------	-----	----	-------	-----	-----

AVERAGE LENGTH OF TREATMENT.

Adults ... 116 days.      Children ... 181 days.

The Classification on admission of the 134 cases discharged is shewn on Table IV. The method of classification is the same as that used on Page 3 of the Yearly Financial Statement (Form T.90) (Revised) required by the Ministry of Health.

TABLE IV.

### CLASSIFICATION OF CASES DISCHARGED.

	ADULTS.		CHILDREN.		TOTALS.
	Males.	Females.	Boys.	Girls.	
Pulmonary—					
1. Observation ... ..	12	13	26	17	63
2. Early ... ..	13	11	1	—	25
3. Intermediate ... ..	9	6	—	—	15
4. Advanced ... ..	10	8	—	1	19
Non-Pulmonary—...					
1. Glandular-Peritoneum, &c....	—	2	—	3	5
2. Bones and Joints ... ..	—	1	—	1	2
TOTALS ... ..	44	41	27	22	134



## RESULTS OF TREATMENT.

With reference to the results of treatment, the actual gain or loss of weight has been considered in four tables—V (a), (b), (c), and (d)—shewing adult males and females and boys and girls separately. The actual weight is considered in pounds and ounces, and, on the whole, is quite satisfactory. The actual condition of the 134 patients on discharge is shewn in Table VI.

TABLE V. (a).  
ADULTS (MALES).

Classification.	No. of Cases which shew				Total.		Average.	
	Gain.	Loss.	No change	No record.	Gain.	Loss.	Gain.	Loss.
Observation ...	12	—	—	—	1b. oz. 104 12	1b. oz. —	1b. oz. 8 11	1b. oz. —
Early ...	13	—	—	—	172 0	—	13 4	—
Intermediate ...	9	—	—	—	85 12	—	9 8	—
Advanced ...	3	2	—	5	13 8	16 12	4 7	8 6
TOTALS ...	37	2	—	5	376 0	16 12	10 2	8 6

TABLE V. (b).  
ADULTS (FEMALES).

Classification.	No. of Cases which shew				Total.		Average.	
	Gain.	Loss.	No change	No record.	Gain.	Loss.	Gain.	Loss.
Observation ...	12	1	—	—	1b. oz. 109 12	1b. oz. 5 0	1b. oz. 9 2	1b. oz. 5 0
Early ...	10	1	—	—	99 0	9 4	9 14	9 4
Intermediate ...	5	—	—	1	50 4	—	10 1	—
Advanced ...	3	—	—	5	26 12	—	8 15	—
Glandular- Peritoneum, &c	2	—	—	—	26 12	—	13 6	—
Bones & Joints ...	1	—	—	—	10 12	—	10 12	—
TOTALS ...	33	2	—	6	323 4	14 4	9 13	7 2



TABLE V. (c).

## CHILDREN (BOYS).

Classification.	No. of Cases which shew				Total.		Average.	
	Gain.	Loss.	No change	No record.	Gain.	Loss.	Gain.	Loss.
Observation ...	26	—	—	—	1b. oz. 243 4	1b. oz. —	1b. oz. 9 6	1b. oz. —
Early ...	1	—	—	—	4 8	—	4 8	—
TOTALS ...	27	—	—	—	247 12	—	9 3	—

TABLE V. (d).

## CHILDREN (GIRLS).

Classification.	No. of Cases which shew				Total.		Average.	
	Gain.	Loss.	No change	No record.	Gain.	Loss.	Gain.	Loss.
Observation ...	16	—	—	1	1b. oz. 159 12	1b. oz. —	1b. oz. 10 0	1b. oz. —
Advanced ...	—	—	—	1	—	—	—	—
Glandular- Peritoneum, &c.	3	—	—	—	73 4	—	24 7	—
Bones & Joints ...	1	—	—	—	15 0	—	15 0	—
TOTALS ...	20	—	—	2	248 0	—	12 6	—

TABLE VI.

Classification on Admission.		Classification on Discharge						Total.
		A	B	C	D	E	F	
PULMONARY—								
1. Observation ...	{ Males ...	-	-	-	-	-	12	12
	{ Females...	-	-	-	-	-	13	13
	{ Boys ...	-	-	-	-	2	24	26
	{ Girls ...	-	-	-	-	1	16	17
2. Early ...	{ Males ...	9	4	-	-	-	-	13
	{ Females...	5	5	-	-	1	-	11
	{ Boys ...	1	-	-	-	-	-	1
	{ Girls ...	-	-	-	-	-	-	—
3. Intermediate ...	{ Males ...	-	7	1	-	1	-	9
	{ Females...	-	3	3	-	-	-	6
	{ Boys ...	-	-	-	-	-	-	—
	{ Girls ...	-	-	-	-	-	-	—
4. Advanced ...	{ Males ...	-	1	4	4	1	-	10
	{ Females...	-	3	3	2	-	-	8
	{ Boys ...	-	-	-	-	-	-	—
	{ Girls ...	-	-	1	-	-	-	1
NON-PULMONARY—								
1. Glandular- Peritoneum, &c. ...	{ Males ...	-	-	-	-	-	-	—
	{ Females...	-	2	-	-	-	-	2
	{ Boys ...	-	-	-	-	-	-	—
	{ Girls ...	3	-	-	-	-	-	3
2. Bones and Joints ...	{ Males ...	-	-	-	-	-	-	—
	{ Females...	1	-	-	-	-	-	1
	{ Boys ...	-	-	-	-	-	-	—
	{ Girls ...	-	1	-	-	-	-	1
TOTALS ...		19	26	12	6	6	65	134

A. Disease Quiescent. B. Improved, but not Quiescent. C. No improvement. D. Died in Sanatorium. E. Self-discharged or dismissed. F. No definite evidence of Tuberculosis.

It will be seen from Table VI. that 6 cases (2 men, 1 woman and 3 children) left the Sanatorium against my advice. On the whole, the patients have carried out their treatment to my satisfaction, and their general conduct has been excellent.

As in previous years, the patients, as they improved in health, were given some useful work to do. The men have done quite helpful jobs in the gardens and, on wet days, have chopped firewood in the shed adapted for the purpose. The women have followed their usual routine of washing up after meals, and tidying their quarters.

BASIL ADAMS, M.D., D.P.H.,  
Medical Superintendent.

## AVERAGE NUMBER OF BEDS AVAILABLE FOR PATIENTS DURING THE YEAR 1927.

	Observation.	PULMONARY TUBERCULOSIS.		NON-PULMONARY TUBERCULOSIS.		Total.
		"Sanatorium" Beds.	"Hospital " Beds.	Disease of Bones and Joints.	Other Conditions.	
Adult Males	...		18			18
Adult Females	...		16			16
Children under 15	...	16	Boys. 12	Girls.		28
TOTAL	...	...	...	...	...	62

N.B.—In addition there are four surgical beds at Shropshire Orthopaedic Hospital for use when required for notified cases of Tuberculosis of any age or sex.

## RETURN SHOWING THE EXTENT OF RESIDENTIAL TREATMENT DURING THE YEAR 1927.

NUMBER OF PATIENTS—		In Institutions on Jan. 1.	Admitted during the year.	Discharged during the year.	Died in the Institutions.	In Institutions on Dec. 31.
Adults—M.	...	12	35	30	4	13
F.	...	7	35	32	2	8
Children—M.	...	2	2	1	0	3
F.	...	4	3	5	0	2
NUMBER OF OBSERVATION CASES—						
Adults—M.	...	2	10	11	0	1
F.	...	2	11	10	0	3
Children—M.	...	14	24	27	0	11
F.	...	10	23	19	0	14
TOTAL	...	53	143	135	6	55

# RETURN SHOWING THE IMMEDIATE RESULTS OF TREATMENT OF PATIENTS AND OF OBSERVATION OF DOUBTFUL CASES DISCHARGED FROM RESIDENTIAL INSTITUTIONS DURING THE YEAR 1927

Classification on admission to the Institution.	CONDITION AT TIME OF DISCHARGE.	Duration of Residential Treatment in the Institution.														
		Under 3 months.			3-6 months.			6-12 months.			More than 12 months.			Total		
		M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.			
Class T.B. minus.	Quiescent Improved .. ..	4	6 2	..	4 1	3	..	1	..	1	..	1	..	..	..	19 3
Class T.B. plus. Group 1.	Quiescent Improved .. ..	..	2	..	1	..	..	1	..	1	..	..	..	..	..	5
	No material improvement .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Died in Institution .. ..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Class T.B. plus. Group 2.	Quiescent Improved .. ..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
	No material improvement .. ..	2	3	..	2	4	..	2	..	..	..	..	..	..	..	13
	Died in Institution .. ..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..
Class T.B. plus. Group 3.	Quiescent Improved .. ..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
	No material improvement .. ..	1	1	..	1	1	..	..	..	1	..	..	..	..	..	4
	Died in Institution .. ..	2	1	..	..	1	..	..	..	..	..	..	..	..	..	9
Bones and Joints.	Quiescent or Arrested Improved .. ..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	2
Abdominal.	Quiescent or Arrested Improved .. ..	..	..	..	..	2	..	..	..	..	..	1	..	1	..	2
Other Organs.	Improved .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peripheral Glands.	Quiescent or Arrested Improved .. ..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
Non-Pulmonary Tuberculosis.	Observation for purpose of diagnosis—Tuberculous .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pulmonary Tuberculosis.	Non-Tuberculous .. ..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	4
		..	..	..	..	..	..	..	..	..	..	1	..	10	8	42
		..	..	..	..	..	..	..	..	..	..	1	..	1	4	63

# RETURN SHOWING THE WORK OF THE DISPENSARY (OR DISPENSARIES) DURING THE YEAR 1927.

26

267

DIAGNOSIS.	PULMONARY.				NON-PULMONARY.				TOTAL.			
	Adults.		Children.		Adults.		Children.		Adults.		Children.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
A.—NEW CASES examined during the year (excluding contacts):—												
(a) Definitely tuberculous ... ..	28	29	1	2	5	7	8	7	33	36	9	9
(b) Doubtfully tuberculous ... ..	—	—	—	—	—	—	—	—	5	6	5	6
(c) Non-tuberculous ... ..	—	—	—	—	—	—	—	—	26	20	40	40
B.—CONTACTS examined during the year:—												
(a) Definitely tuberculous ... ..	—	—	—	—	—	1	—	—	—	1	—	—
(b) Doubtfully tuberculous ... ..	—	—	—	—	—	—	—	—	—	2	6	4
(c) Non-tuberculous ... ..	—	—	—	—	—	—	—	—	2	10	11	16
C.—CASES written off the Dispensary Register as												
(a) Cured ... ..	30	19	1	—	2	6	3	11	32	25	4	11
(b) Diagnosis not confirmed or non-tuberculous (including cancellation of cases notified in error) ...	—	—	—	—	—	—	—	—	62	51	90	83
D.—NUMBER OF PERSONS on Dispensary Register on December 31st:—												
(a) Diagnosis completed ... ..	108	80	6	6	16	18	14	19	124	98	20	25
(b) Diagnosis not completed ... ..	—	—	—	—	—	—	—	—	7	11	18	17

**Return showing the work of the Dispensary (or Dispensaries) during the Year 1927—continued.**

1. Number of persons on Dispensary Register on January 1st .. .. .	290	9. Number of patients to whom Dental Treatment was given, at or in connection with the Dispensary ... ..	Nil.
2. Number of patients transferred from other areas and of "lost sight of" cases returned ... ..	193	10. Number of consultations with medical practitioners (a) At Homes of Applicants .. .. (b) Otherwise .. ..	39 105
3. Number of patients transferred to other areas and cases "lost sight of" .. ..	36	11. Number of other visits by Tuberculosis Officers to Homes ... ..	79
4. Died during the year ... ..	56	12. Number of visits by Nurses or Health Visitors to Homes for Dispensary purposes ...	1896
5. Number of observation cases under A (b) and B (b) above in which period of observation exceeded 2 months ... ..	16	13. Number of (a) Specimens of sputum &c., examined ... (b) X-ray examinations made in connection with Dispensary work ... ..	215 Nil.
6. Number of Attendances at the Dispensaries (including Contacts) ... ..	1340	14. Number of Insured Persons on Dispensary Register on the 31st December ... ..	125
7. Number of Attendances of non-pulmonary cases at Orthopaedic Out-stations for treatment or supervision ... ..	Nil.	15. Number of Insured Persons under Domiciliary Treatment on the 31st December ... ..	55
8. Number of Attendances, at General Hospitals or other Institutions approved for the purpose, of patients for (a) "Light" treatment ... .. (b) Other special forms of treatment ... ..	399 Nil.	16. Number of reports received during the year in respect of Insured Persons:— (a) Form G.P. 17 ... .. (b) Form G.P. 36 ... ..	3 172



### Shelters.

Two new Shelters have been constructed during the year, and there are now 54 Shelters in use. These have been fairly well utilized during the year.

### Extra Nourishment.

During 1927 grants for extra nourishment were made to 27 patients at a cost of £121 18s. 7d.

### Nursing Arrangements.

These are the same as described in previous Reports, and form part of the approved Nursing Scheme for the County. In addition to attendance at the Dispensaries, domiciliary visitation is made to notified cases as soon after notification as possible. Special visits and much attention have been devoted to Tuberculous soldiers.

### OTHER RESPIRATORY DISEASES.

These diseases include Pneumonia, Bronchitis and other diseases of the Respiratory organs (but do not include Tubercular disease of the lungs).

From these causes there were 163 deaths—66 in Urban and 97 in Rural Districts, compared with 145 for 1926.

	<i>Bronchitis.</i>	<i>Pneu- monia.</i>	<i>Other Diseases.</i>	<i>Total Rates per 1,000.</i>
Urban Districts ...	22	40	4	1.56
Rural Districts ...	53	39	5	1.34
Admin. County ...	75	79	9	1.42



# Dispensaries, 1927.

<i>Dispensary.</i>	<i>Day and Hours when Dispensary or Visiting Station is open.</i>	<i>No. of Patients' Attendances.</i>	<i>No. of Cases Attended.</i>
Hereford (St. Peter's House) ...	Wednesday, Saturday, 9.30—12.30 ...	559	392
Leominster (Cottage Hospital) ...	Friday, 12.30—2 (fortnightly) ...	167	66
Ross (2 Church Street) ...	Thursday, 12.30—2 ( " ) ...	227	55
Ledbury (Homend Lodge Cottage) ...	Tuesday, 12.30—2 ( " ) ...	168	72
Bromyard (Market Square) ...	Thursday, 10.30—12 ( " ) ...	136	103
Kington (Church Street) ...	Tuesday, 12.30—2 ( " ) ...	83	82
TOTALS ...		1340	770

NOTIFICATIONS FROM 2nd JANUARY, 1927, TO 31st DECEMBER, 1927.

30

Age Period.	NOTIFICATIONS ON FORM "A."											NOTIFICATIONS ON FORM "B."				NOTIFICATIONS ON FORM "C."	
	Number of Primary Notifications.											No. of Primary Notifications.				Total Notifications on Form "B."	Poor Law Institutions.
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards	Total primary notifications	Under 5	5 to 10	10 to 15	Total primary notifications	
Pulmonary Males ...	1	—	1	—	6	5	15	7	7	3	2	47	—	—	—	—	23
Pulmonary Females ...	—	—	3	3	5	11	23	13	8	2	2	70	—	—	1	1	20
Non-Pulmonary Males ...	1	1	—	2	4	2	2	1	—	1	—	14	—	1	—	1	2
Non-Pulmonary Females ...	—	2	—	6	2	1	5	2	—	—	—	18	—	—	—	—	3

These figures refer to the cases which have been reported to me weekly by the District Medical Officers of Health—not to the returns in their Annual Reports.

**Cancer.**

During the past year 149 deaths in the County were due to Cancer, 49 occurring in the Urban Districts and 100 in the Rural Districts. The rates are as follow :—

	<i>Rate per 1,000 1927.</i>	<i>Rate per 1,000 1926.</i>
Urban Districts ... ..	4.16	1.42
Rural Districts ... ..	1.39	1.79
Administrative County ...	1.30	1.68

**PREVALENCE OF INFECTIOUS DISEASES.****Small-Pox.**

Two cases of Small-pox were notified during the year—one in Dore and one in Wigmore. Both recovered after isolation in Hospital.

**Scarlet Fever.**

During the year 132 cases were returned as notified in the Urban and 88 in the Rural Districts—220 in all, against 144 in 1926. There were no deaths from Scarlet Fever during 1927.

	<i>Attack rates per 1,000 population.</i>	<i>Number treated in Hospital.</i>
Urban Districts ... ..	3.12	65
Rural Districts ... ..	1.22	46
Administrative County ...	1.92	111

**Diphtheria.**

The number of cases of Diphtheria notified during 1927 was 90—48 from the Urban Districts and 42 from the Rural Districts, against 100—53 Urban and 47 Rural in 1926.

Six deaths occurred during the year—1 female 1—2 years, 2 males 2—5 years, 2 males and 1 female 5—15 years.

	<i>Attack rates per 1,000 population.</i>	<i>Number treated in Hospital.</i>
Urban Districts ... ..	1.14	26
Rural Districts ... ..	0.58	18
Administrative County ...	0.79	44

#### **Typhoid and Allied Fevers.**

Under this head there are 9 cases to record in the Rural Districts. There was one death in the Rural Districts: a male between 25 and 45 years.

	<i>Attack rates per 1,000 population.</i>
Urban Districts ... ..	0.00
Rural Districts ... ..	0.12
Administrative County ...	0.08

#### **Puerperal Fever and Puerperal Pyrexia.**

There were 7 cases of Puerperal Fever notified during the year from the Rural Districts. Two were treated in Hospital and 5 at home. There was 1 death in an Urban District between 25 and 45 years. This case was notified as a case of Puerperal Pyrexia.

There were 10 cases of Puerperal Pyrexia (4 Urban and 6 Rural) notified during the year. Four were treated in Hospital and 6 at home, and all cases recovered with the exception of the above mentioned case.

#### **Ophthalmia Neonatorum.**

During the year 9 cases were notified—7 from the Urban and 2 from the Rural Districts. Three cases were treated in Hospital and 6 at home. All recovered without injury to sight.

#### **Poliomyelitis.**

No cases were notified during the year.

#### **Encephalitis Lethargica.**

Two cases of this disease occurred during the year—1 in the Urban and 1 in the Rural Districts. One death occurred during the year in an Urban District—a female, over 65 years of age.

**Whooping Cough.**

Four deaths occurred from this disease, 2 in the Urban Districts and 2 in the Rural Districts. One male and 1 female under 1 year, and 2 females 2-5 years.

**Measles.**

One death occurred during the year in a Rural District—a male, 0-1 years.

A system of notification by School Teachers to the School Medical Officer, and the District Medical Officers of Health has been in force for several years, and through this channel cases were ascertained.

**Erysipelas.**

Of this disease, 22 cases were notified—7 from the Urban and 15 from the Rural Districts.

**Diarrhœal Diseases.**

Ten deaths occurred—3 males and 2 females under 1 year of age, 1 male 1-2 years, 1 female between 15 and 25 years, 1 male, 45-65 years, and 2 females, 65-75 years.

**Influenza.**

There were 113 deaths, 49 in the Urban and 64 in the Rural Districts—2 males and 1 female under 1 year, 3 males and 1 female 1-2 years, 3 males 2-5 years, 1 male and 1 female 5-15 years, 1 male 15-25 years, 9 males and 3 females 25-45 years, 15 males and 7 females 45-65 years, 17 males and 14 females 65-75 years, 12 males and 23 females over 75 years.

**REGISTRATION OF MATERNITY HOMES.**

1.	Number of applications for registration	...	...	...	11
2.	Number of Homes registered	...	...	...	11
3.	Number of orders made refusing or cancelling registration	...	...	...	Nil.
4.	Number of appeals against such orders	...	...	...	Nil.
5.	Number of cases in which such orders have been				
	(a) confirmed on appeal	...	...	...	Nil.
	(b) disallowed	...	...	...	Nil.
6.	Number of applications for exemption from registration	...	...	...	Nil.
7.	Number of cases in which exemption has been				
	(a) granted	...	...	...	Nil.
	(b) withdrawn	...	...	...	Nil.
	(c) refused	...	...	...	Nil.

### ISOLATION HOSPITALS.

The provision in respect of Infectious Diseases Isolation Hospitals remains the same.

### Venereal Diseases.

By the Approved Scheme one Treatment Centre is provided at the Isolation Block of the Hereford Union for the whole County, and is under the care of a physician and a surgeon who have specialised in these diseases. Arrangements are made with Birmingham University Pathological Department for the Wassermann tests, etc., and with the County Laboratory for part of the microscopical work. In-patient treatment is also provided for at the same Institution.

The Clinic is available for the entire County, and is also open to patients from the County of Radnor.

The Clinic is held at the Isolation Block, Hereford Union Workhouse, at the following hours:—

Tuesdays, 6—7 p.m.—Females.

Wednesdays, 1.30 to 2.30 p.m.—Males and Females.

Fridays, 6—7 p.m.—Males.

The Clinic is open to Males for irrigation daily (except Sundays) between 6 and 7 p.m.

The Medical Officers are:—

DR. PAUL CHAPMAN.

DR. WILLIAM AINSLIE.

The present arrangements are adequate and the co-operation of the medical profession is satisfactory. On receipt of the results of the Wassermann reactions from Birmingham, a letter is sent to each practitioner whose patient has given a positive result, together with a card giving all particulars of the Clinic and offering treatment for his patient under the Council's scheme.

The medical practitioners in the area are all well informed of the facilities provided for diagnosis and treatment, and that they can consult the medical officers of the Clinic by appointment on any Clinic day.

Ten medical practitioners, in addition to the medical officers of the Clinic, are qualified to receive free supplies of arsenobenzol compounds.



# PUBLIC HEALTH (VENEREAL DISEASES) REGULATIONS, 1916.

Returns relating to all persons who were treated at the Treatment Centre during the Year 1927.

	Syphilis.		Soft Chancres.		Gonorrhæa		Conditions other than Venereal.		Total.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Number of cases which— (a) at the beginning of the year under report were under treatment or observation for ... .. (b) had been marked off in a previous year as having ceased to attend or as transferred to other Centres, and which returned to the Treatment Centre during the year under report suffering from the same infection ... ..	16	21	—	—	13	2	—	—	29	23
TOTAL—Items 1 (a) and 1 (b) ... ..	17	21	—	—	13	2	—	—	30	23
2 (a). Number of cases dealt with at the Treatment Centre during the year for the first time ... ..	22	21	—	—	12	4	19	12	53	37
TOTAL—Items 1 (a), 1 (b) and 2 (a) ... ..	39	42	—	—	25	6	19	12	83	60
2 (b). Number of cases included in Item 2 (a) known to have received previous treatment at other Centres for the same infection...	1	—	—	—	1	—	—	—	1	—
3. Number of cases which ceased to attend— (a) before completing the first course of treatment for ... .. (b) after one or more courses but before completion of treatment for ... .. (c) after completion of treatment, but before final tests as to cure of ... ..	—	—	—	—	—	—	—	—	—	—
4. Number of cases transferred to other Treatment Centres after treatment for ... ..	15	12	—	—	9	2	—	—	24	14
5. Number of cases discharged after completion of treatment and observation for ... ..	—	—	—	—	—	—	—	—	—	—
6. Number of cases which, at the end of the year under report, were under treatment or observation for ... ..	2	3	—	—	1	—	—	—	3	3
TOTAL—Items 3, 4, 5, and 6 ... ..	39	42	—	—	25	6	19	12	83	69



	Syphilis.	Soft Chancres.	Gonorrhœa	Conditions other than Venereal.	Total.
	M. F.	M. F.	M. F.	M. F.	M. F.
7. Out-patient attendances— (a) For individual attention by the Medical Officer ... (b) For intermediate treatment, e.g., irrigation, dressings, etc....	350 393 — —	— — — —	85 35 189 9	38 35 19 —	473 463 208 9
TOTAL ATTENDANCES ... ..	350 393	— —	274 44	57 35	681 472
8. Aggregate number of "In-patient days" of treatment given to persons who were suffering from ... ..	Nil.	Nil.	9 108	Nil.	9 108
FOR DETECTION OF					
	Spirochetes.	Gonococci.	Other Organisms.	For Wassermann Reaction.	
9. Examinations of Pathological material :— (a) Specimens which were examined at, and by the Medical Officer of, the Treatment Centre ... .. (b) Specimens from persons attending at the Treatment Centre which were sent for examination to an approved laboratory.	Nil. Nil.	Nil. 29	Nil. Nil.	Nil. 92	
10. No. of doses of Salvarsan Substitutes given :— (a) Out-patient Clinic ... .. (b) In-patient Department ... ..	... .. ... ..	... .. ... ..	... .. ... ..	Number. 428 1	
TOTAL ... ..	... ..	... ..	... ..	429	

## HOUSING.

### Housing and Town Planning Act, 1909, etc.

In view of the curtailment of Schemes by the Ministry of Health, most Councils will, no doubt, be content to carry out a modified programme in the meantime. The details of the work of each Sanitary District, kindly supplied by the District Medical Officers of Health, shew the scope of the work done during the year.

			<i>Total New Houses erected during Year.</i>	<i>Houses erected as Part of Council's Scheme.</i>
URBAN DISTRICTS.				
Bromyard	...	...	8	—
Hereford City	...	...	54	18
Kington	...	...	1	—
Ledbury	...	...	10	—
Leominster	...	...	22	14
Ross	...	...	4	—
RURAL DISTRICTS.				
Bredwardine	...	...	—	—
Bromyard	...	...	14	—
Dore	...	...	1	—
Hereford	...	...	10	—
Leominster	...	...	6	—
Weobley	...	...	3	—
Ledbury	...	...	9	—
Kington	...	...	1	—
Ross	...	...	14	—
Whitchurch	...	...	5	1
Wigmore	...	...	—	—
			162	

### WATER SUPPLIES.

#### URBAN DISTRICTS.

The water supply in all the Urban Districts is satisfactory.

#### RURAL DISTRICTS.

The water supplies in the Rural Districts are mainly from shallow wells, which yield waters of a rather low standard.

### SEWERAGE AND DRAINAGE.

This remains the same as outlined in last Survey Report.

### SALE OF FOOD AND DRUGS ACTS.

This is undertaken by the Standing Joint Committee of the County, so far as the County area is concerned. The City of Hereford is a separate local executive Authority, and its Health Committee controls the duties performed under the Acts.

#### County of Hereford.

	Number of Samples taken.		Genuine.		Adulterated.	
	Formal.	Informal.	Formal.	Informal.	Formal.	Informal.
1. Milk ... ..	13	20	12	19	1	1
2. Butter ... ..	12	20	12	19	—	1
3. Margarine ... ..	3	1	3	1	—	—
4. Lard ... ..	1	3	1	3	—	—
5. Vinegar ... ..	1	3	1	3	—	—
6. Camphorated Oil ... ..	0	1	0	1	—	—
7. Pepper ... ..	0	3	0	3	—	—
8. Olive Oil ... ..	0	1	0	1	—	—
9. Castor Oil ... ..	0	1	0	1	—	—
10. Coffee ... ..	2	0	2	0	—	—
11. Tea ... ..	2	1	2	1	—	—
12. Flowers of Sulphur ... ..	1	1	1	1	—	—
13. Arrowroot ... ..	0	2	0	2	—	—
14. Sugar ... ..	0	2	0	2	—	—
15. Cheese ... ..	0	1	0	1	—	—
16. Glauber's Salts ... ..	1	0	1	0	—	—
17. Crushed Linseed ... ..	1	0	1	0	—	—
TOTALS ... ..	37	60	36	58	1	2
	97		94		3	

There was one prosecution under the Acts. One formal and one informal sample of Milk both contained 8% of added water. One informal sample of butter contained 16·6% of water.

#### PUBLIC HEALTH (CREAM AND MILK) REGULATIONS, 1912 AND 1917.

There were no samples taken under these Regulations.

## City of Hereford.

The following Table shows the number and nature of the articles submitted to the Public Analyst during the year ending December 31st, 1927, and the result of the analysis:—

ARTICLES.	Number Purchased.		Number Genuine.		Number Adulterated.	
	Formal.	Informal.	Formal.	Informal.	Formal.	Informal
1. Milk ... ..	5	24	4	22	1	2
2. Milk, Condensed ... ..	—	1	—	1	—	—
3. Cream ... ..	—	3	—	3	—	—
4. Butter ... ..	—	6	—	6	—	—
5. Dripping ... ..	—	1	—	1	—	—
6. Lard ... ..	—	3	—	3	—	—
7. Pepper ... ..	—	2	—	2	—	—
8. Rice ... ..	—	2	—	2	—	—
9. Sausages ... ..	—	2	—	2	—	—
10. Baking Powder ... ..	—	3	—	3	—	—
11. Meat Preservative ... ..	—	1	—	1	—	—
12. Blanc Mange Powder ... ..	—	1	—	1	—	—
13. Egg Substitute ... ..	—	4	—	4	—	—
14. Ginger Beer ... ..	1	—	1	—	—	—
15. Cider ... ..	—	1	—	1	—	—
16. Mineral Waters ... ..	—	2	—	2	—	—
17. Drugs ... ..	—	11	—	11	—	—
18. Honey ... ..	—	1	—	1	—	—
TOTALS ... ..	6	68	5	66	1	2
	74		71		3	

## OBSERVATIONS.

MILK.—One formal sample contained 2.5% of fat. This was due to the fact that the milk from the whole herd was not properly mixed. This is now being done, and further samples were satisfactory.

PUBLIC HEALTH (MILK AND CREAM) REGULATIONS,  
1912 AND 1917.

## 1. Milk and Cream not sold as Preserved Cream.

		Number of samples examined for the presence of a preservative.	Number in which preservative was reported to be present.
Milk ... ..	...	29	Nil.
Cream ... ..	...	3	Nil.

## 2. Cream sold as Preserved Cream.

(a) Instances in which samples have been submitted for analysis to ascertain if the statement on the label as to preservatives was correct.—Nil.

(b) There have been no instances where (apart from analysis) the requirements as to labelling or declaration of cream have not been observed.

## 3. Thickening Substances.

There was no evidence of their addition to the samples of Cream.

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## MATERNITY AND CHILD WELFARE.

Notification of Births (excluding Hereford City):—

REGISTERED—(1) Legitimate, 1,371; (2) Illegitimate, 92; total, 1,463.

NOTIFIED—(1) Live Births, 1,364; (2) Still Births, 52; total, 1,416.

(1) By Midwives, 1,159; (2) Parents and Doctors, 257.

Infant Deaths (excluding Hereford City):—

(1) Legitimate, 71; (2) Illegitimate, 5; total, 76.

Rate per 1,000 births:—

(1) Legitimate, 51·8; (2) Illegitimate, 70·4; total, 52·0.

## Health Visiting.

The present Scheme, as approved by the Local Government Board, was initiated in November, 1917.

The present whole-time staff consists of the Superintendent with the assistance of a lady clerk, and six Health Visitors, working in six Health areas. Within these areas the part-time service of 47 local District Nurses is also available, for school and tuberculosis work and notification of birth duties.

In the several areas the Health Visitors, assisted by the local District Nurses, visit the notified births, attend the local Infant Welfare Centres, visit all notified cases of Tuberculosis, including discharged soldiers, and attend the local Tuberculosis Dispensaries.

## Grants to District Nursing Associations.

Grants are paid to Associations affiliated to the County Nursing Association on the following basis:—£35 for the first year; £25 a year for the next two years, and £20 a year thereafter.

These grants are intended to be devoted towards paying the District Nurse's salary.

The following is a summary of the work carried out during the year 1927 :—

INFANT WELFARE.				<i>Visits.</i>
1.	Attendances at Welfare Centre	...	...	206
2.	Visits to Infants under 1 year	...	...	1,179
3.	Re-visits	...	...	6,430
4.	Visits to Ante-Natal Cases	...	...	809
5.	Re-visits	...	...	1,700
6.	Visits to Children, 1—5 years	...	...	12,479
TUBERCULOSIS.				
1.	Attendances at Dispensary	...	...	238
2.	Domiciliary Visits to Notified Cases	...	...	75
3.	Re-visits	...	...	1,821
4.	Visits to Discharged Soldiers	...	...	—
5.	Re-visits	...	...	117
6.	Visits to Shelters	...	...	467
OTHER WORK.				
1.	Ophthalmia—Visits and Re-visits	...	...	25
2.	Measles	...	...	64
3.	Mental Deficiency	...	...	853
TOTAL VISITS				25,463

Expectant and nursing mothers, and children up to five years of age, are seen at the Voluntary Child Welfare Centres. Facilities are provided at Ross Welfare Centre for examination of ante-natal cases and advice only is given at the other Centres. Ante-natal visits are also paid by the Health Visitors in the different areas and advice given. There are no Hospitals run by the County Council for the reception of expectant and nursing mothers and young children, but there is a Maternity Home at Ross as part of the Voluntary Infant Welfare Centre there.

The arrangements for Orthopædic treatment of children under five years of age is undertaken by the local Orthopædic After Care Committee, as described under Tuberculosis.

MILK (MOTHERS AND CHILDREN) ORDER, 1918.—The Order has been in force during the year, and is operative within the County area as a whole. No scale of wages has been adopted by the Council, the basis of distribution being largely destitution. Every case is carefully scrutinised by the Health Visitors, and all information as to wages, number in family, etc., is transmitted to the County Medical Officer of Health on special forms. Applications come through the Infant Welfare Centres, medical practitioners, local nurses, and Health Visitors. During the period in question these cases were dealt with at a cost of £57 12s. 0d.



### Infant Welfare Centres.

Voluntary Infant Welfare Centres are established in Leominster, Ross, Ledbury, Kington and Weobley. In the case of the last mentioned, the meetings are held alternately in Weobley and Dilwyn.

The County Council gives to each Voluntary Centre a grant of £5 yearly, and the County Medical Officer, or one of his Assistants, gives advice at the Centres at each meeting.

These Welfares are run by enthusiastic voluntary workers who have local knowledge of the cases requiring advice. This voluntary effort is carried on in cordial co-operation with the official work of the Health Visitors and District Nurses.

Much encouragement has been forthcoming from general practitioners in the areas concerned.

At several of the Centres useful exhibitions were held, and at all the Centres "Health Talks" were given during the year.

The following is an account of the work at the five Centres during the year:—

1. Number of Infants attended	...	...	296
2. Number of Attendances	...	...	1,949
3. Number of Children aged 2—5	...	...	138
4. Number of Attendances	...	...	1,058
5. Number of Attendances, Expectant Mothers.			121
6. Average daily attendance	...	...	21
7. Number of children who were breast fed entirely	...	...	161
8. Artificial foods used:—Cows' Milk, Barley Water, Cow and Gate, Glaxo, Nestle's, Allenbury's, Trufood, Milkal.			
9. Amount received for artificial foods, Virol, *Clothing, etc., supplied	...	...	£149 19s. 7½d.
(*This included such things as Belts, Socks, Vests.)			
10. Number in attendance at end of year	...		295
11. Ante-Natal Cases	...	...	41

### Maternity Homes.

(1) Ross Maternity Home is part of the Voluntary Infant Welfare Centre. Local practitioners can attend their own patients, who are admitted on a fixed scale of charges. The local Nurse resides in the Home, and acts as Midwife Superintendent.

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## THE MIDWIVES' ACT.

## Summary of the Inspector's Work.

Regular Inspection of Midwives ... ..	335
Special Visits of Enquiry ... ..	27
Letters and Notices sent out ... ..	2190
NOTIFICATIONS RECEIVED :	
Of Intention to Practise ... ..	103
Of Sending for Medical Help ... ..	335
Of Still-births .. ..	29
Last Offices ... ..	15
Liability to be a source of Infection ... ..	14
Artificial Feeding of Infants ... ..	11
Death of Infants before arrival of Doctor ... ..	4
Death of Mother before arrival of Doctor ... ..	—
Temporary withdrawals on account of being exposed to infection ... ..	14
	<i>Died. Recovered. Total.</i>
Septic Cases ... ..	— ... 2 ... 2
Cases of Eclampsia ... ..	— ... 2 ... 2
MIDWIVES PRACTISING AND RESIDENT IN THE COUNTY—	
Number of Trained Midwives working under Local Nursing Associations affiliated to the County Nursing Association ... ..	47
Trained Midwives working under local Associations not affiliated to the County Nursing Association ...	1
Trained Midwives practising on their own account ...	43
Bona-fide Midwives ... ..	12
TOTAL ... ..	103

There are several Midwives resident in adjacent Counties and not included in the above list, who occasionally take cases in Herefordshire, and regularly notify to this Authority their intention to practise.

Quarterly Routine Inspections of Midwives and Special Visits when necessary are undertaken by the Inspector of Midwives.

Two Candidates have been sent for training by the County Nursing Association.

Monthly lectures are arranged for the Midwives during the months of October to April each year, and are well attended.

### Practice of Midwives.

In 335 instances medical help was called for, the particulars of which are as follows:—

Premature Labour	...	...	...	...	...	8
Long Labour	...	...	...	...	...	120
Rupture of Perineum...	...	...	...	...	...	80
Albuminuria	...	...	...	...	...	4
Abnormal and doubtful Presentations	...	...	...	...	...	14
High Temperature	...	...	...	...	...	9
Hæmorrhage Ante and Post Partum	...	...	...	...	...	15
Threatened Abortions	...	...	...	...	...	3
Abortions	...	...	...	...	...	8
Retained and adherent Placenta and Membranes...	...	...	...	...	...	10
Dangerous Varicose Veins and Phlebitis	...	...	...	...	...	3
Other Illnesses during Pregnancy and Labour	...	...	...	...	...	19
Feebleness and Prematurity of Child, etc.	...	...	...	...	...	20
Deformities and Abnormalities	...	...	...	...	...	6
Inflammation and Discharge from Eyes	...	...	...	...	...	16
Contracted Pelvis	...	...	...	...	...	—
						<hr/> 335 <hr/>

### Still Births.

The 29 Still Births were notified by 21 Midwives; eleven at 7 months; two at 7½ months; seven at 8 months; and nine at full time.

### Abortions.

The eight abortions were notified by six Midwives. The periods of gestation were two at 3 months, others not given.

### Inflammation of and Discharge from Eyes.

Sixteen cases were notified by 12 Midwives as having been the cause of sending for medical help. One was treated in Hospital, and all recovered without permanent injury to the eyes.

### Puerperal Fever and Rise in Temperature.

Medical help was called in 9 cases by 8 Midwives; one case was regarded as septic, and recovered. The remaining eight recovered.

### Eclampsia.

Two cases were reported, and both recovered.

### Hæmorrhage.

Fifteen cases were reported, and all recovered.

### **Disciplinary Action.**

One Midwife was reported to the Central Midwives Board, and her name removed from the Roll.

### **Supply and Training of Midwives.**

The work under the Midwives' Act, Infant Welfare and Nursing is controlled by the Midwives' and Nursing Sub-Committee.

One bona-fide Midwife has retired since last year.

### **MENTAL DEFICIENCY.**

At the end of 1926 there were 6 males and 15 females certified and under control. During the year 1 male and 2 females were certified; 1 female was sent to Ross Certified Institution, and 1 male and 1 female were sent to Stoke Park Colony. One male and 1 female died during the year.

There were 6 males and 16 females in Certified Institutions at the end of 1927.

At the end of the year, 77 males and 58 females were under supervision at their homes.

Thirty cases were dealt with by the Committee during the year, and 4 males and 2 females were ordered to be certified. The other cases were put on the list for periodic visitation at their homes.

The mentally defective cases are visited periodically by the Health Visitors, and reported on every two months by them to the Medical Adviser, who visits and reports on urgent cases. Only cases unsuitable for training are retained at Ross Certified Institution, higher grade cases being sent to other Institutions where training facilities are available.

### **COUNTY LABORATORY.**

Complete outfits are supplied by the County Medical Officer under whose personal supervision the work of the Laboratory is conducted. Positive results are transmitted by telephone or telegram in order to avoid delay. No charge is made for the examination of "ordinary" specimens arising out of the routine work of any Sanitary Authority in the County.

Specimens, however, sent by the general public are subject to a modified fee.

The following work was carried out during the year :—

	SPECIMENS.		
	No.	Con- taminated.	Passed.
<b>Chemical.</b>			
Examinations of Potable Waters...	151	58	93
<b>Bacteriological.</b>			
Examinations of Potable Waters...	4	1	3
<b>TOTAL</b> ... ..	155	59	96
	No.	Positive.	Negative
<b>Microscopical, etc.</b>			
Examinations for :—			
Bacillus Diphtheriæ ... ..	906	222	684
Bacillus Tuberculosis (sputum) ...	545	115	430
Bacillus Tuberculosis (Milk) ...	32	2	30
Bacillus Tuberculosis (urine, etc.)	24	3	21
Meningococcus ... ..	5	2	3
Gonococcus ... ..	73	17	56
Vincent's Organisms ... ..	5	4	1
Urine for Albumen, Sugar, Casts, etc. ... ..	72	23	53
B. Typhosus ... ..	29	9	20
B. Paratyphosus A. ... ..	28	0	28
B. Paratyphosus B. ... ..	28	1	27
Other Examinations ... ..	28	20	8
<b>Total</b> ... ..	1779	418	1361
Samples of Water examined ... ..	155		
Blood Counts ... ..	5		
<b>GRAND TOTAL</b> ... ..	1939		

#### Tuberculosis Order, 1925.

Twenty-four specimens (chiefly Milk) were examined microscopically for the presence of Tubercle Bacilli during the year, and in two specimens the Tubercle Bacillus was found. All the samples were submitted by Veterinary Surgeons.

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# Number of Cases of Infectious Diseases Notified

NAMES OF DISTRICTS.	CASES NOTIFIED IN EACH LOCALITY.												
	Chicken Pox.	Small-pox.	Cholera.	Diphtheria, including Membranous Croup.	Erysipelas.	Scarlet Fever.	Pneumonia.	Enteric Fever.	Measles.	Dysentery.	Malaria.	Puerperal Pyrexia.	Puerperal Fever.
URBAN.													
Bromyard ...	...	...	...	2	...	...	3	..	...	...	...	...	...
Hereford City ...	...	...	...	32	4	121	22	...	...	...	...	2	...
Kington ...	...	...	...	...	...	1	..	...	...	...	...	...	...
Ledbury ...	...	...	...	5	...	1	1	...	...	...	...	...	...
Leominster ...	...	...	...	3	...	2	3	...	...	...	...	...	...
Ross ...	...	...	...	6	3	7	7	...	...	...	...	2	...
TOTAL ...	...	...	...	48	7	132	36	...	...	...	...	4	...
RURAL.													
Bredwardine... ..	...	...	...	1	...	1	...	...	...	...	...	...	1
Bromyard ...	...	...	...	2	3	5	21	...	...	...	...	...	3
Dore ...	...	1	..	...	2	4	9	...	...	...	...	3	...
Hereford ...	...	...	...	11	1	26	8	6	...	...	...	...	...
Kington ...	...	...	...	...	...	...	4	...	...	...	...	...	...
Ledbury ...	...	...	...	10	...	6	6	2	...	...	1	...	2
Leominster ...	...	...	...	6	3	10	3	..	...	1	...	2	...
Ross ...	...	...	...	5	1	15	8	...	...	...	...	...	...
Woolley ...	...	...	...	4	5	17	7	1	...	...	...	...	1
Whitchurch ...	...	...	...	3	...	1	...	...	...	...	...	...	...
Wigmore ...	...	1	...	...	...	3	4	...	...	...	...	1	...
TOTAL ...	...	2	...	42	15	88	70	9	...	1	1	6	7

\* No Isolation Hospital Accommodation available.

† Isolation Hospital Accommodation available for Small-pox.

‡ The Hereford Rural Isolation Hospital is available, by arrangement, for patients from

§ Accommodated in the Isolation Cottage in the Ross Rural District.

(A) Admitted to Hay Urban District Council Isolation Hospital, by arrangement.

ed in each District and the Number Removed to Hospital.

								NUMBER OF CASES REMOVED TO HOSPITAL FROM EACH											
Phthisis (Pulmonary Tuberculosis).	Other forms of Tuberculosis.	Ophthalmia Neonatorum.	Cerebro-Spinal Fever.	Acute Poliomyelitis.	Encephalitis Lethargica	Folio-Encephalitis.	TOTALS.	Small-pox.	Chicken-pox.	Diphtheria, including Membranous Group.	Scarlet Fever.	Pneumonia.	Enteric Fever.	Erysipelas.	Puerperal Fever.	Puerperal Pyrexia.	Poliomyelitis.	Ophthalmia Neonatorum.	
2	...	1	...	1	...	...	9	...	...	1	...	...	...	...	...	...	...	...	
20	10	4	1	...	1	...	217	...	...	23	63	3	...	...	...	1	...	...	
3	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	
3	1	...	1	...	...	...	12	...	...	1	1	...	...	...	...	...	...	...	
4	2	1	...	...	...	...	15	...	...	...	...	...	...	...	...	...	...	...	
3	...	1	...	...	...	...	29	...	...	1	1	...	...	...	...	...	...	...	
35	13	7	2	1	1	...	286	...	...	26	65	3	...	...	...	1	...	...	
1	1	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	
11	3	1	...	...	...	...	49	...	...	...	2	...	...	...	...	...	...	...	
7	2	...	...	...	...	...	28	1	...	...	1	...	...	...	...	...	...	...	
24	3	...	...	...	...	...	79	...	...	10	23	...	3	...	...	...	...	...	
5	...	...	...	...	1	...	10	...	...	...	...	...	...	...	...	...	...	...	
13	2	...	...	...	...	...	42	...	...	5	3	...	1	...	...	...	...	...	
7	5	1	...	...	...	...	38	...	...	1	...	...	...	...	...	...	...	...	
4	2	...	...	...	...	...	35	...	...	2	6	...	...	...	...	...	...	...	
4	1	...	...	...	...	...	40	...	...	...	11	...	1	...	...	...	...	...	
2	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	
5	1	...	...	...	...	...	15	1	...	...	...	...	...	...	...	...	...	...	
83	20	2	...	...	1	...	347	2	...	18	46	...	5	...	...	...	...	...	

1 the Dore, Ledbury, Leominster and Weobley Rural Districts.

# Causes of Death at Different Periods of Life

CAUSES OF DEATH	Sex.	AGGREGATE OF URBAN					
		All Ages	0—	1—	2—	5—	15—
1. All Causes ... ..	M.	246	24	4	2	9	10
	F.	278	17	...	4	7	9
2. Tubercular Fever ... ..	M.	...	...	...	...	...	...
	F.	...	...	...	...	...	...
3. Typhoid Fever ... ..	M.	...	...	...	...	...	...
	F.	...	...	...	...	...	...
4. Malaria ... ..	M.	...	...	...	...	...	...
	F.	...	...	...	...	...	...
5. Scarlet Fever ... ..	M.	...	...	...	...	...	...
	F.	...	...	...	...	...	...
6. Whooping Cough ... ..	M.	1	1	...	...	...	...
	F.	1	...	...	1	...	...
7. Diphtheria ... ..	M.	1	...	...	...	1	...
	F.	1	...	...	...	1	...
8. Typhus ... ..	M.	23	1	1	2	1	...
	F.	26	...	...	...	1	...
9. Pneumonia ... ..	M.	...	...	...	...	...	...
	F.	1	...	...	...	...	...
10. Suppurative Meningitis ... ..	M.	2	...	...	...	2	...
	F.	1	...	...	...	...	1
11. Diseases of Respiratory System ... ..	M.	19	...	...	...	...	5
	F.	19	...	...	...	...	5
12. Pulmonary Tuberculosis ... ..	M.	1	...	1	...	...	...
	F.	6	...	...	1	1	...
13. Consumption, Pulmonary Disease ... ..	M.	18	...	...	...	...	...
	F.	33	...	...	...	...	...
14. Diphtheria, Scarlet Fever ... ..	M.	1	...	...	...	1	...
	F.	...	...	...	...	...	...
15. Typhoid ... ..	M.	3	...	...	...	...	...
	F.	4	...	...	...	...	...
16. General Hemorrhage, &c. ... ..	M.	20	...	...	...	...	...
	F.	22	...	...	...	...	...
17. Blood Diseases ... ..	M.	47	...	...	...	1	...
	F.	77	...	...	...	1	...
18. Cholera Asiatica ... ..	M.	14	...	...	...	...	...
	F.	5	...	...	...	...	...
19. Typhus ... ..	M.	9	1	...	...	...	1
	F.	13	1	...	...	...	...
20. Typhus (all forms) ... ..	M.	26	4	2	...	...	...
	F.	29	3	...	...	2	1
21. Typhus Respiratory Diseases ... ..	M.	3	...	...	...	...	...
	F.	1	...	...	...	...	...
22. Typhus of Stomach or Duodenum ... ..	M.	6	...	...	...	...	...
	F.	...	...	...	...	...	...
23. Typhus, &c. ... ..	M.	1	...	...	...	...	...
	F.	...	...	...	...	...	...
24. Typhus Gastric and Typhilitis ... ..	M.	2	...	...	...	...	1
	F.	1	...	...	...	...	...
25. Typhus of Liver ... ..	M.	2	...	...	...	...	...
	F.	...	...	...	...	...	...
26. Acute and Chronic Nephritis ... ..	M.	3	...	...	...	...	...
	F.	3	...	...	...	...	...
27. General Sepsis ... ..	M.	...	...	...	...	...	...
	F.	1	...	...	...	...	...
28. Typhus Exanthematic and Diseases of Pregnancy and Parturition ... ..	M.	...	...	...	...	...	...
	F.	1	...	...	...	...	...
29. Typhus Debility and Malformation, Premature Birth ... ..	M.	13	12	...	...	...	...
	F.	11	11	...	...	...	...
30. Typhus ... ..	M.	3	...	...	...	...	...
	F.	3	...	...	...	...	...
31. Typhus Deaths from Violence ... ..	M.	11	1	...	...	...	1
	F.	3	...	...	...	...	...
32. Typhus Unknown Diseases ... ..	M.	16	4	...	...	3	2
	F.	42	2	...	2	1	2
33. Typhus Unknown or unknown ... ..	M.	...	...	...	...	...	...
	F.	...	...	...	...	...	...

in the Administrative County of Hereford, 1927.

IN DISTRICTS.				AGGREGATE OF RURAL DISTRICTS.									
25—	45—	65—	75—	All Ages.	0	1—	2—	5—	15—	25—	45—	65—	75—
33	65	65	74	501	32	5	9	7	11	51	165	199	151
27	53	69	92	440	26	6	2	2	11	41	87	98	177
...	...	...	...	1	...	...	...	...	...	1	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	1	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	2	1	...	1	...	...	...	...	...	...
...	...	...	...	3	...	...	2	1	...	...	...	...	...
...	...	...	...	1	...	1	...	...	...	...	...	...	...
4	4	6	4	40	1	2	1	...	1	5	11	11	8
2	4	9	10	24	1	1	...	...	...	1	3	5	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	...	...	...	...	...	...	...	...	...
7	6	1	...	23	1	...	...	...	2	14	4	1	1
8	4	2	...	27	...	...	...	...	7	12	5	2	1
...	...	...	...	7	...	1	...	1	3	2	...	...	...
3	1	...	...	3	1	1	...	...	...	...	1	...	...
1	4	4	7	48	...	...	...	...	...	5	17	18	8
2	12	14	5	52	...	...	...	...	...	3	18	16	15
...	...	...	...	1	...	...	...	...	...	1	...	...	...
...	1	2	...	4	...	...	...	...	...	...	3	1	...
...	...	...	4	5	...	...	...	...	...	...	2	1	2
...	6	8	6	29	...	...	...	...	...	...	5	8	16
1	4	7	10	34	...	...	...	...	...	...	7	11	15
4	12	14	18	87	...	...	...	1	...	1	18	35	32
1	11	21	23	87	...	...	...	...	1	6	13	24	43
...	3	3	8	33	...	...	...	...	...	...	1	12	20
...	1	1	3	19	...	...	...	...	...	...	2	3	14
...	...	6	1	32	1	...	...	...	1	1	3	7	19
...	1	3	8	21	2	...	...	...	...	...	...	2	17
3	4	3	4	22	5	1	...	1	...	1	5	6	3
3	1	6	4	16	...	2	...	1	...	5	1	3	4
1	2	...	...	2	...	...	...	...	...	1	1	...	...
...	1	...	...	3	...	...	...	...	...	...	1	1	1
2	1	2	1	6	...	...	...	...	...	1	4	1	...
...	...	...	...	2	...	...	...	...	...	...	1	1	...
...	1	...	...	4	3	1	...	...	...	...	...	...	...
...	...	...	...	5	2	...	...	...	1	...	...	2	...
1	...	...	...	5	...	...	...	...	1	2	...	...	...
1	...	...	...	3	...	...	...	...	...	1	1	1	...
...	...	2	...	6	...	...	...	...	...	2	1	2	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	3	1	4	18	...	...	...	...	...	2	6	4	6
...	2	1	...	6	...	...	...	...	...	...	3	2	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	3	...	...	...	...	...	3	...	...	...
1	...	...	...	17	16	...	...	...	...	1	...	...	...
1	...	...	...	16	15	...	...	...	...	1	...	...	...
1	2	...	...	8	...	...	...	...	...	2	1	3	2
2	3	...	...	6	...	...	...	...	...	2	4	...	...
2	4	1	2	22	...	...	3	2	2	6	5	3	1
2	1	...	3	4	...	...	1	...	...	...	...	1	2
6	12	12	19	80	4	...	3	1	1	3	17	17	34
2	7	4	22	97	4	1	...	1	2	5	23	12	49
...	...	...	...	2	...	...	...	...	...	...	1	1	...
...	...	...	...	2	...	...	...	...	...	...	1	1	...



